

TARGETED VECTORS

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ABSTRACT OF THE DISCLOSURE

This invention provides therapeutic and diagnostic agent delivery vehicles, including viral vectors, that are complexed to a targeting moiety by coordinate covalent linkages mediated by a transition metal ion. The complex is typically formed with a transition metal ion that is in a kinetically labile oxidation state; after the complex is formed, the oxidation state of the transition metal ion is changed to one that renders the complex kinetically stable. The use of a coordinate covalent linkage to attach the targeting moiety to the delivery vehicle provides advantages such as the ability to readily attach a different targeting moiety to a delivery vehicle without modifying the delivery vehicle itself. This flexibility is achieved without sacrificing stability of the complex.

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